

ABSTRACT OF THE INVENTION

A screw nut assembly of a linear actuation device, having a screw, a main screw nut and a safety screw nut is disclosed. The main screw nut and the safety screw nut engaged with the screw are operative to displace linearly along an axis of the screw. The safety screw nut includes an exterior surface and the main screw nut includes a receiving portion for receiving the safety screw nut therein. The receiving portion includes an interior surface recessed with at least one slot and a spring disposed within the slot, such that the safety screw nut is inserted into the receiving portion by a resilient force exerted by the spring.